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7/13/04

L Number	Hits	Search Text	DB	Time stamp
-	1	"10302984" near3 de	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/10 13:53
-	1	2004-349017.NRAN.	DERWENT	2004/07/10 13:40
-	0	"1958241" near3 de	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/10 13:54
-	0	"19" adj "58" adj "241"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/10 13:54
-	1	"1958241"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/10 14:13
-	175	(gas or pneumatic) adj spring same (stop or limit\$4) same (tube or tubular)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/10 14:55
-	6	(gas or pneumatic) adj spring same (stop or limit\$4) same (tube or tubular) same latch\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/10 14:31
-	55	(gas or pneumatic) adj spring same (stop or limit\$4) same latch\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/10 14:33
-	3	pooschen.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/10 14:35
-	1	2003-431720.NRAN.	DERWENT	2004/07/10 14:34
-	769	stabilus.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/10 14:35
-	19	stabilus.asn. and latch\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/10 14:35
-	4	5992815.URPN.	USPAT	2004/07/10 14:37
-	13	("3777617"   "4592590"   "4627602"   "4692057"   "4693442"   "4720068"   "4756496"   "4793197"   "4860987"   "5377942"   "5443573"   "5531413"   "5765804").PN.	USPAT	2004/07/10 14:38

-	150	("5529231" "5647521" "5947139" "4602811" "5810411" "4244449" "4307737" "4798358" "4848524" "4852597" "5468203" "5908221" "5347883" "4411395" "5830110" "4321988" "4813106" "4940202" "5012996" "5222997" "5387048" "5542216" "5564172" "5664892" "6007019" "6055762" "6067942" "4540305" "5180189" "5816626" "6299113" "5516142" "4862761" "3815956" "4254423" "4338797" "4368878" "4423859" "4502672" "4595383" "4785717" "4834223" "5269464" "5377942" "5698793" "5845917" "5924523" "6161550" "6202876" "6450352").pn. ("4330265" "4342451" "4349195" "4380298" "4448003" "4451233" "4632411" "4856805" "5186201" "5188367" "5192114" "5259664" "5265722" "5287636" "5326120" "5417305" "5443189" "5531594" "5568952" "5626351" "5678704" "5800294"	USPAT; US-PGPUB	2004/07/13 08:40
Search History 7/13/04 8:59:39 AM Page 2 C:\APPS\east\workspaces\10783839.wsp				

-	10	(gas or pneumatic) adj spring and ("5529231" "5647521" "5947139" "4602811" "5810411" "4244449" "4307737" "4798358" "4848524" "4852597" "5468203" "5908221" "5347883" "4411395" "5830110" "4321988" "4813106" "4940202" "5012996" "5222997" "5387048" "5542216" "5564172" "5664892" "6007019" "6055762" "6067942" "4540305" "5180189" "5816626" "6299113" "5516142" "4862761" "3815956" "4254423" "4338797" "4368878" "4423859" "4502672" "4595383" "4785717" "4834223" "5269464" "5377942" "5698793" "5845917" "5924523" "6161550" "6202876" "6450352").pn. ("4330265" "4342451" "4349195" "4380298" "4448003" "4451233" "4632411" "4856805" "5186201" "5188367" "5192114" "5259664" "5265722" "5287636" "5326120" "5417305" "5443189" "5531594" "5562952" "5626351" "5678704" "5800294"	USPAT	2004/07/10 14:55
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Butler, Douglas

PLUS 7/13/04

**From:** PLUS  
**Sent:** Thursday, June 17, 2004 1:59 PM  
**To:** Butler, Douglas  
**Subject:** PLUS Results for 10763839

Here are the PLUS search results for 10763839.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10763839\_QUAL.txt



10763839\_LIST.txt



10763839\_WEST.txt



10763839\_EAST.txt



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10763839\_CLS.txt



10763839\_CLSTITLES.txt



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PLUS Search Results for S/N 10763839, Searched June 17, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10763839\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10763839 on June 17, 2004

Original Classifications

5 248/161  
3 297/411.36  
3 464/172  
2 190/115  
2 267/64.17  
2 280/250.1  
2 280/276  
2 280/475  
2 294/81.53  
2 396/428  
2 403/109.5  
2 432/224

Cross-Reference Classifications

6 224/924  
4 280/655  
3 190/18A  
3 224/521  
3 224/532  
3 224/536  
3 464/175  
2 15/144.4  
2 15/410  
2 16/429  
2 34/225  
2 53/557  
2 211/60.1  
2 215/208  
2 215/330  
2 215/332  
2 215/334  
2 224/282  
2 224/519  
2 224/537  
2 248/161  
2 248/176.1  
2 248/188.5  
2 248/411  
2 254/419  
2 254/DIG 1  
2 267/177  
2 267/179  
2 267/64.26  
2 280/287  
2 280/655.1  
2 280/763.1  
2 294/81.1  
2 294/81.2  
2 403/104  
2 403/329  
2 414/918  
2 432/225  
2 464/901  
2 604/18

## Combined Classifications

7 248/161  
6 224/924  
5 280/655  
4 464/172  
3 190/18A  
3 224/519  
3 224/521  
3 224/532  
3 224/536  
3 248/188.5  
3 280/276  
3 297/411.36  
3 403/104  
3 403/109.5  
3 464/175  
2 15/144.4  
2 15/410  
2 16/113.1  
2 16/429  
2 34/225  
2 53/557  
2 74/551.3  
2 190/115  
2 211/60.1  
2 215/208  
2 215/330  
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2 215/334  
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2 254/DIG 1  
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2 267/64.17  
2 267/64.26  
2 280/250.1  
2 280/287  
2 280/475  
2 280/655.1  
2 280/763.1  
2 294/81.1  
2 294/81.2  
2 294/81.53  
2 396/428  
2 403/109.1  
2 403/109.3  
2 403/329  
2 414/918  
2 432/224  
2 432/225  
2 464/901  
2 604/16  
2 604/18

## 10763839\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10763839 on June 17, 2004

7 248/161 (5 OR, 2 XR)  
     Class 248 : SUPPORTS  
     248/127 STAND  
     248/158 .Standard type  
     248/161 ..Adjustable vertically

6 224/924 (0 OR, 6 XR)  
     Class 224 : PACKAGE AND ARTICLE CARRIERS  
     224/924 VEHICLE ATTACHED CARRIER FOR BICYCLE OR  
             MOTORCYCLE

5 280/655 (1 OR, 4 XR)  
     Class 280 : LAND VEHICLES  
     280/29 WHEELED  
     280/638 .Extensible  
     280/639 ..Folding  
     280/651 ...Cart  
     280/652 ....One- or two-wheeled  
     280/655 .....Collapsible handle

4 464/172 (3 OR, 1 XR)  
     Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND  
             FLEXIBLE COUPLINGS FOR ROTARY SHAFTS  
     464/170 HOUSING  
     464/172 .Telescoping cylindrical housing members

3 190/18A (0 OR, 3 XR)  
     Class 190 : TRUNKS AND HAND-CARRIED LUGGAGE  
     190/18R SUPPORTING DEVICES  
     190/18A .Wheeled

3 224/519 (1 OR, 2 XR)  
     Class 224 : PACKAGE AND ARTICLE CARRIERS  
     224/400 VEHICLE ATTACHED  
     224/488 .Carrier attached to the front or rear end of  
             vehicle  
     224/511 ..Cooperating coupling member on article  
             carrier and vehicle  
     224/518 ...Attached to undercarriage  
     224/519 ....Trailer hitch

3 224/521 (0 OR, 3 XR)  
     Class 224 : PACKAGE AND ARTICLE CARRIERS  
     224/400 VEHICLE ATTACHED  
     224/488 .Carrier attached to the front or rear end of  
             vehicle  
     224/511 ..Cooperating coupling member on article  
             carrier and vehicle  
     224/518 ...Attached to undercarriage  
     224/519 ....Trailer hitch  
     224/521 .....Telescoping

3 224/532 (0 OR, 3 XR)  
     Class 224 : PACKAGE AND ARTICLE CARRIERS  
     224/400 VEHICLE ATTACHED

## 10763839\_CLSTITLES

- 224/488 .Carrier attached to the front or rear end of vehicle
- 224/522 ..Article-confining support means
- 224/531 ...Upright member
- 224/532 ....Laterally extending arms
- 3 224/536 (0 OR, 3 XR)
  - Class 224 : PACKAGE AND ARTICLE CARRIERS
  - 224/400 VEHICLE ATTACHED
  - 224/488 .Carrier attached to the front or rear end of vehicle
  - 224/533 ..Article retaining means
  - 224/536 ...Clamp
- 3 248/188.5 (1 OR, 2 XR)
  - Class 248 : SUPPORTS
  - 248/127 STAND
  - 248/188.1 .Understructure
  - 248/188.2 ..Elevating or leveling device
  - 248/188.5 ...Telescoping
- 3 280/276 (2 OR, 1 XR)
  - Class 280 : LAND VEHICLES
  - 280/29 WHEELED
  - 280/200 .Occupant propelled type
  - 280/263 ..With steering
  - 280/270 ...One-wheel controlled
  - 280/274 ....Frames and running gear
  - 280/275 .....Yielding
  - 280/276 .....Front forks and heads
- 3 297/411.36 (3 OR, 0 XR)
  - Class 297 : CHAIRS AND SEATS
  - 297/411.2 ARMREST
  - 297/411.35 .Adjustable to multiple use positions relative to bottom or back
  - 297/411.36 ..Vertically
- 3 403/104 (1 OR, 2 XR)
  - Class 403 : JOINTS AND CONNECTIONS
  - 403/52 ARTICULATED MEMBERS
  - 403/83 .Lockable at fixed position
  - 403/104 ..Plural distinct positions
- 3 403/109.5 (2 OR, 1 XR)
  - Class 403 : JOINTS AND CONNECTIONS
  - 403/52 ARTICULATED MEMBERS
  - 403/83 .Lockable at fixed position
  - 403/109.1 ..Telescoping members
  - 403/109.2 ...Having detent
  - 403/109.5 ....Cam or wedge
- 3 464/175 (0 OR, 3 XR)
  - Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND FLEXIBLE COUPLINGS FOR ROTARY SHAFTS
  - 464/170 HOUSING
  - 464/173 .Flexible housing
  - 464/175 ..Corrugated structure

## 10763839\_CLSTITLES

- 2 15/144.4 (0 OR, 2 XR)  
 Class 015 : BRUSHING, SCRUBBING, AND GENERAL CLEANING  
 15/104.001 IMPLEMENTS  
 15/143.1 .Particular Handle  
 15/144.1 ..Adjustable  
 15/144.3 ...Variable length  
 15/144.4 ....Telescopic
- 2 15/410 (0 OR, 2 XR)  
 Class 015 : BRUSHING, SCRUBBING, AND GENERAL CLEANING  
 15/3 MACHINES  
 15/300.1 .With air blast or suction  
 15/410 ..Handle features, e.g., limit stops or storage locks
- 2 16/113.1 (1 OR, 1 XR)  
 Class 016 : MISCELLANEOUS HARDWARE  
 16/110.1 HANDLE, HANDLE COMPONENT, OR HANDLE ADJUNCT  
 16/113.1 .Length adjustable pull handle for luggage or luggage cart (e.g., wheeled suitcase handle, etc.)
- 2 16/429 (0 OR, 2 XR)  
 Class 016 : MISCELLANEOUS HARDWARE  
 16/110.1 HANDLE, HANDLE COMPONENT, OR HANDLE ADJUNCT  
 16/429 .Extensible handle
- 2 34/225 (0 OR, 2 XR)  
 Class 034 : DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS  
 34/523 APPARATUS  
 34/201 .Houses, kilns, and containers  
 34/218 ..With gas or vapor circulation for contact with treated material  
 34/219 ...Recirculation of treating gas or vapor  
 34/224 ....Plural gas or vapor inlets and/or outlets  
 34/225 .....In wall, ceiling, or floor
- 2 53/557 (0 OR, 2 XR)  
 Class 053 : PACKAGE MAKING  
 53/556 APPARATUS FOR CONTRACTION OF COVER BY STRETCHING OR SHRINKING  
 53/557 .By heat shrinking
- 2 74/551.3 (1 OR, 1 XR)  
 Class 074 : MACHINE ELEMENT OR MECHANISM  
 74/469 CONTROL LEVER AND LINKAGE SYSTEMS  
 74/516 .Variable output force  
 74/543 ..Handles  
 74/551.1 ...Handle bars  
 74/551.3 ....Folding or adjustable
- 2 190/115 (2 OR, 0 XR)  
 Class 190 : TRUNKS AND HAND-CARRIED LUGGAGE  
 190/100 HAND LUGGAGE (SUITCASE, BRIEFCASE, ETC.)  
 190/115 .With handle
- 2 211/60.1 (0 OR, 2 XR)  
 Class 211 : SUPPORTS: RACKS

## 10763839\_CLSTITLES

- 211/13.1 SPECIAL ARTICLE  
 211/60.1 .Article includes elongated portion
- 2 215/208 (0 OR, 2 XR)  
 Class 215 : BOTTLES AND JARS  
 215/200 CLOSURES  
 215/201 .Having warning means or means impeding closure  
 removal (e.g., child proof)  
 215/208 ..Multidirectional turn or twist type
- 2 215/330 (0 OR, 2 XR)  
 Class 215 : BOTTLES AND JARS  
 215/200 CLOSURES  
 215/316 .Cap type  
 215/329 ..Removably attached to receptacle by relative  
 rotation between keepers (e.g., screw threads or lugs)  
 215/330 ...With means to prevent unintentional rotation  
 in closure releasing direction
- 2 215/332 (0 OR, 2 XR)  
 Class 215 : BOTTLES AND JARS  
 215/200 CLOSURES  
 215/316 .Cap type  
 215/329 ..Removably attached to receptacle by relative  
 rotation between keepers (e.g., screw threads or lugs)  
 215/332 ...Keeper has vertically and horizontally  
 extending slots (e.g., bayonet)
- 2 215/334 (0 OR, 2 XR)  
 Class 215 : BOTTLES AND JARS  
 215/200 CLOSURES  
 215/316 .Cap type  
 215/329 ..Removably attached to receptacle by relative  
 rotation between keepers (e.g., screw threads or lugs)  
 215/334 ...Keeper formed only on inner wall of  
 double-wall cap or consists of separate member on cap
- 2 224/282 (0 OR, 2 XR)  
 Class 224 : PACKAGE AND ARTICLE CARRIERS  
 224/400 VEHICLE ATTACHED  
 224/282 .Pivotable or rotatable receiver
- 2 224/537 (0 OR, 2 XR)  
 Class 224 : PACKAGE AND ARTICLE CARRIERS  
 224/400 VEHICLE ATTACHED  
 224/488 .Carrier attached to the front or rear end of  
 vehicle  
 224/533 ..Article retaining means  
 224/537 ...Article held in channel
- 2 248/176.1 (0 OR, 2 XR)  
 Class 248 : SUPPORTS  
 248/127 STAND  
 248/176.1 .To hold a particular article
- 2 248/411 (0 OR, 2 XR)  
 Class 248 : SUPPORTS  
 248/127 STAND  
 248/158 .Standard type

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- 248/161 ..Adjustable vertically  
248/411 ...Settable clamp
- 2 254/419 (0 OR, 2 XR)  
Class 254 : IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING  
OR PULLING FORCE  
254/418 VEHICLE ATTACHED JACK  
254/419 .Semi-trailer landing gear
- 2 254/DIG 1 (0 OR, 2 XR)  
Class 254 : IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING  
OR PULLING FORCE  
254/DIG 1 Jack bases
- 2 267/177 (0 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/166 COIL  
267/170 .Including end thrust member  
267/177 ..Adjustable
- 2 267/179 (0 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/166 COIL  
267/170 .Including end thrust member  
267/179 ..Particular end connection
- 2 267/64.17 (2 OR, 0 XR)  
Class 267 : SPRING DEVICES  
267/2 VEHICLE  
267/64.11 .Comprising compressible fluid  
267/64.15 ..With retarder  
267/64.16 ...Leveling device  
267/64.17 ....Self-pumping
- 2 267/64.26 (0 OR, 2 XR)  
Class 267 : SPRING DEVICES  
267/2 VEHICLE  
267/64.11 .Comprising compressible fluid  
267/64.15 ..With retarder  
267/64.26 ...Having telescoping cylinders
- 2 280/250.1 (2 OR, 0 XR)  
Class 280 : LAND VEHICLES  
280/29 WHEELED  
280/200 .Occupant propelled type  
280/210 ..With propulsion means  
280/242.1 ...Hand propelled  
280/250.1 ....Wheelchair type
- 2 280/287 (0 OR, 2 XR)  
Class 280 : LAND VEHICLES  
280/29 WHEELED  
280/200 .Occupant propelled type  
280/281.1 ..Frames and running gear  
280/287 ...Extensible and knockdown
- 2 280/475 (2 OR, 0 XR)  
Class 280 : LAND VEHICLES  
280/29 WHEELED



## 10763839 CLSTITLES

- 280/400 .Articulated vehicle
- 280/475 ..With retractable ground support
- 2 280/655.1 (0 OR, 2 XR)
  - Class 280 : LAND VEHICLES
  - 280/29 WHEELED
  - 280/638 .Extensible
  - 280/639 ..Folding
  - 280/655.1 ...Handle only is collapsible
- 2 280/763.1 (0 OR, 2 XR)
  - Class 280 : LAND VEHICLES
  - 280/29 WHEELED
  - 280/727 .Attachment
  - 280/762 ..Exterior
  - 280/763.1 ...Retractable prop, support, or stabilizer
- 2 294/81.1 (0 OR, 2 XR)
  - Class 294 : HANDLING: HAND AND HOIST-LINE IMPLEMENTS
  - 294/81.1 SPACING HOIST BAR OR FRAME
- 2 294/81.2 (0 OR, 2 XR)
  - Class 294 : HANDLING: HAND AND HOIST-LINE IMPLEMENTS
  - 294/81.1 SPACING HOIST BAR OR FRAME
  - 294/81.2 .Adjustable to accommodate different size loads
- 2 294/81.53 (2 OR, 0 XR)
  - Class 294 : HANDLING: HAND AND HOIST-LINE IMPLEMENTS
  - 294/81.1 SPACING HOIST BAR OR FRAME
  - 294/81.5 .Load supporting units
  - 294/81.52 ..Rotatable about vertical axis
  - 294/81.53 ...Twist lock
- 2 396/428 (2 OR, 0 XR)
  - Class 396 : PHOTOGRAPHY
  - 396/419 CAMERA SUPPORT
  - 396/428 .Adjustable support
- 2 403/109.1 (1 OR, 1 XR)
  - Class 403 : JOINTS AND CONNECTIONS
  - 403/52 ARTICULATED MEMBERS
  - 403/83 .Lockable at fixed position
  - 403/109.1 ..Telescoping members
- 2 403/109.3 (1 OR, 1 XR)
  - Class 403 : JOINTS AND CONNECTIONS
  - 403/52 ARTICULATED MEMBERS
  - 403/83 .Lockable at fixed position
  - 403/109.1 ..Telescoping members
  - 403/109.2 ...Having detent
  - 403/109.3 ....Spring biased
- 2 403/329 (0 OR, 2 XR)
  - Class 403 : JOINTS AND CONNECTIONS
  - 403/326 BIASED CATCH OR LATCH
  - 403/329 .Leaf spring
- 2 414/918 (0 OR, 2 XR)

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Class 414 : MATERIAL OR ARTICLE HANDLING  
 414/918 TRANSMISSION-LINE GUIDE FOR A SHIFTABLE HANDLER

2 432/224 (2 OR, 0 XR)  
 Class 432 : HEATING  
 432/224 INSERTED EMITTER TYPE OF HOLLOW ARTICLE  
 INTERIOR HEATER

2 432/225 (0 OR, 2 XR)  
 Class 432 : HEATING  
 432/225 HEAT APPLICATOR HAVING STRUCTURE FOR MOUNTING  
 IT ON OR AROUND OBJECT TO BE HEATED

2 464/901 (0 OR, 2 XR)  
 Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND  
 FLEXIBLE COUPLINGS FOR ROTARY SHAFTS  
 464/901 RAPID ATTACHMENT OR RELEASE

2 604/16 (1 OR, 1 XR)  
 Class 604 : SURGERY  
 604/11 MEANS FOR INSERTING FIBROUS OR FORAMINOUS  
 RESIDENT PACKING, RECEPTOR, OR MEDICAMENT CARRIER INTO

BODY

ORIFICE  
 604/15 .With slidable ejector (e.g., plunger or ram,  
 etc.) inside tubular inserting means  
 604/16 ..Ejector moved into operating position from  
 stored location inside or alongside inserting means

2 604/18 (0 OR, 2 XR)  
 Class 604 : SURGERY  
 604/11 MEANS FOR INSERTING FIBROUS OR FORAMINOUS  
 RESIDENT PACKING, RECEPTOR, OR MEDICAMENT CARRIER INTO

BODY

ORIFICE  
 604/15 .With slidable ejector (e.g., plunger or ram,  
 etc.) inside tubular inserting means  
 604/18 ..Tubular inserting means releasably  
 interlocked with ejector